

**REMARKS**

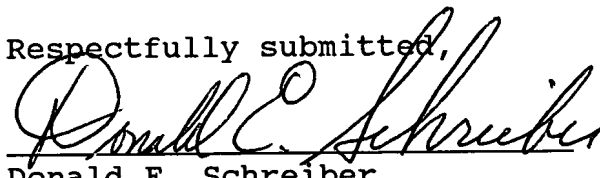
**Amendment Of The Claims**

This supplemental preliminary amendment amends grammatical errors appearing the in the claims as originally filed.

**Conclusion**

The Applicants respectfully request entry of the amendments set forth above, and prompt examination and passage to issue of the application as so amended.

Respectfully submitted,



Donald E. Schreiber

Reg. No. 29,435

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Donald E. Schreiber  
A Professional Corporation  
Post Office Box 64150  
Sunnyvale, California 94088-4150  
(408) 541-9168

Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Armand P. Neukermans, et al.

Docket no.: 2149A

Serial no.: 09/729,336

Filed : December 1, 2000

For : FLEXIBLE, MODULAR, COMPACT  
FIBER OPTIC SWITCH

Art Unit : Unknown

Examiner: Unknown

Commissioner of Patents  
Washington, D.C. 20231

**CLAIMS AMENDED BY REWRITING  
MARKED-UP TO SHOW ALL THE CHANGES  
RELATIVE TO THE PREVIOUS VERSION OF THE CLAIMS**

28. (Amended) The light beam deflector assembly of claim 27 wherein an edge of the light beam deflector assembly that is free of light beam deflectors is juxtaposable with an edge of another light beam deflector assembly that is includable in the fiber optic  
5 switching module, positionable along the optical path, and also free of light beam deflectors.

37. (Amended) The light beam deflector assembly of claim 35 wherein the integrated circuits include amplifiers that receive [s] electrical signals which indicate light beam deflector orientation.

38. (Amended) The light beam deflector assembly of claim 37 wherein each light beam deflector fixed to said substrate (212) is supported for rotation by hinges which include at least one

torsion sensor for sensing light beam deflector orientation, the  
5 torsion sensors of said light beam deflectors supplying the [s]  
electrical signals to at least one amplifier included in the light  
beam deflector assembly.

43. (Amended) The light beam deflector assembly of claim 42  
wherein an edge of the light beam deflector assembly that is free  
of light beam deflectors is juxtaposable with an edge of another  
light beam deflector assembly that is includable in the fiber optic  
5 switching module, positionable along the optical path, and also  
free of light beam deflectors.

73. (Amended) The flip-chip light beam deflector assembly of  
claim 71 wherein the integrated circuit includes an amplifier that  
receives an electrical signal which indicates light beam deflector  
orientation.

74. (Amended) The flip-chip light beam deflector assembly of  
claim 73 wherein said light beam deflector fixed to said substrate  
(212) is supported for rotation by hinges which include at least  
one torsion sensor for sensing light beam deflector orientation,  
5 the torsion sensor of said light beam deflector supplying the  
electrical signal to at least one amplifier.